● PRINTER RUSH ●
(PTO ASSISTANCE)

Application : 09/887743 **Examiner :** Philippe **GAU :** 2613

From: MR **Location:** (IDC) FMF FDC **Date:** 04-11-05

Tracking #: 06080299 **Week Date:** 02-28-05

DOC CODE	DOC DATE	MISCELLANEOUS
☐ 1449	_____	☑ Continuing Data
☐ IDS	_____	☐ Foreign Priority
☐ CLM	_____	☐ Document Legibility
☐ IIFW	_____	☐ Fees
☐ SRFW	_____	☐ Other
☐ DRW	_____	
☐ OATH	_____	
☐ 312	_____	
☐ SPEC	_____	

[RUSH] MESSAGE: Provisional applications are listed in palm sheet but not in specification. Please supply.

Thank you,
MR

[XRUSH] RESPONSE: _____

INITIALS: ___

NOTE: This form will be included as part of the official USPTO record, with the Response document coded as XRUSH.
REV 10/04

DOUBLE-LOOP MOTION-COMPENSATION FINE GRANULAR SCALABILITY

RELATED APPLICATIONS

09/887756

[0001]   Commonly-assigned, copending U.S. Patent Application, No.   , entitled "Single-Loop Motion-Compensation Fine Granular Scalability", filed   , 2001.

June 21

[0002]   Commonly-assigned, copending U.S. Patent Application, No.   , entitled "Totally Embedded FGS Video Coding with Motion Compensation", filed   , 2001.

09/933672

August 15

FIELD OF THE INVENTION

[0003] The present invention relates to video coding, and more particularly to a scalable enhancement layer video coding scheme that employs motion compensation within the enhancement layer for bi-directional predicted frames (B-frames) and predicted frames and bi-directional predicted frames and (P- and B-frames).

BACKGROUND OF THE INVENTION

[0004] Scalable enhancement layer video coding has been used for compressing video transmitted over computer networks having a varying bandwidth, such as the Internet. A current enhancement layer video coding scheme employing fine granular scalable coding techniques (adopted by the ISO MPEG-4 standard) is shown in FIG. 1. As can be seen, the video coding scheme 10 includes a prediction-based base layer 11 coded at a bit rate R_{BL}, and an FGS enhancement layer 12 coded at R_{EL}.

1